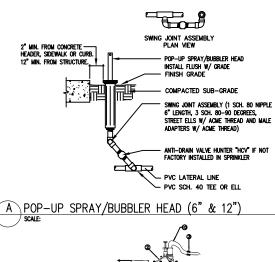
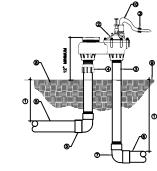


IRRIGATION SPECIFICATIONS:

- ALL IRRIGATION MATERIALS AND PROCEDURES SHALL CONFORM TO THE COUNTY OF SAN DIEGO SPECIFICATIONS AND REQUIREMENTS.
- 2. IRRIGATION PLAN IS DIAGRAMATIC ONLY.
- 3. CONTRACTOR IS RESPONSIBLE FOR BEING AWARE OF ALL EXISTING SITE CONDITIONS.
- IRRIGATION CONTRACTOR SHALL ADJUST ALL HEADS TO PROVIDE AN EVEN COVERAGE AND TO KEEP SPRAY OFF OF THE WALKWAYS, WALLS, STREETS AND DRIVES.
- AS A MINIMUM, ALL IRRIGATION HEADS LOCATED ADJACENT TO WALKWAYS, STREETS AND DRIVES SHALL BE INSTALLED ON POP-UP BODIES.
- 6. WHEN THE IRRIGATION SYSTEMS ARE COMPLETED, THE CONTRACTOR, IN THE PRESENCE OF THE OWNER/DEVELOPER'S AUTHORIZED REPRESENTATIVE OR THE LANDSCAPE ARCHITECT, SHALL PERFORM A TEST OF COVERAGE OF WATER AFFORDED THE PLANTING AREAS TO ENSURE THAT IT IS COMPLETE AND ADEQUATE. THE CONTRACTOR SHALL FURNISH ALL MATERIALS AND PERFORM ALL WORK PEOUT ANY IMPORTANCE AND ADECT.
- 7. PRIOR TO BURYING IRRIGATION LINES:
 - A) ALL MAINLINE IN THE SYSTEM SHALL BE CAPPED AND PRESSURE TESTED AT 150 PSI FOR A PERIOD OF FOUR (4) HOURS. ANY LEAKS FOUND SHALL BE CORRECTED BY REMOVING THE LEAKING PIPE OR FITTINGS AND INSTALLING NEW MATERIAL IN ITS PLACE.
 - B) ALL LATERAL LINES SHALL BE PRESSURE TESTED AT DESIGN PRESSURE FOR ONE (1) HOUR.

 C) THE CONTRACTOR SHALL NOT ALLOW NOR CAUSE ANY OF HIS WORK TO BE COVERED UNTIL IT HAS BEEN INSPECTED, AND APPROVED BY THE OWNER OR THE
- 8. ALL PRESSURE MAINLINES SHALL BE BURIED EIGHTEEN (18) INCHES DEEP, AND ALL LATERAL LINES SHALL BE BURIED TWELVE (12) INCHES DEEP. DEP'TH FOR BOTH MAINLINE AND LATERAL LINES, WHEN PASSING UNDER FUTURE DRIVES, SHALL BE BURIED THRITY (30) INCHES DEEP INSIDE SCHEDULE 40 SLEEVES TWICE THE DIAMETER OF THE SLEEVED LINE.
- MAIN LINES: ALL PIPING UNDER CONSTANT PRESSURE BETWEEN WATER METER AND OR SUPPLY SYSTEM AND CONTROL VALVES AS PER LOCAL CODE OR SHALL BE PVC SCHEDULE 40 OR CLASS 315 PVC UNLESS OTHERWISE SHOWN ON THE DRAWINGS, DETAILS, OR LEGEND.
- 10. LATERAL LINES: ALL PIPING UNDER INTERMITTENT PRESSURE, DOWN STREAM OR CONTROL VALVES SHALL BE RIGID PVC 1120, SDR 21 OR CLASS 200 PVC UNLESS OTHERWISE SHOWN ON THE DRAWINGS, DETAILS, OR LECEND.
- 11. ALL PLASTIC FITTINGS SHALL BE RIGID POLYVINYL CHLORIDE, STANDARD SCHEDULE 40 TYPE I AND II. ALL RISERS AND NIPPLES SHALL BE REAMED SCHEDULE 80 PVC.
- 12. ALL REMOTE CONTROL VALVES SHALL BE INSTALLED 18" FROM THE TOP OR TOE OF SLOPE A MINIMUM OF 12" ABOVE THE HIGHEST SPRINKLER HEAD ON THE SERVICED SYSTEM. BALL VALVES SHALL BE INSTALLED IN TEN (10) INCH ROUND VALVE BOXES WITH PEA GRAVEL BENEATH THE VALVE. SEE DETAIL.
- 13. ALL WIRE SHALL BE ANG-UF DIREST BURIAL TYPE, AND ALL CONNECTIONS SHALL BE MADE WITH 'PEN-TITE' CONNECTORS OR APPROVED EQUAL. SPLICES ARE NOT ACCEPTABLE. TWO (2) ADDITIONAL WIRES SHALL BE RUN FROM THE CONTROLLER'S TO THE LAST VALVE ON THE MANLINE. AN ADDITIONAL TWO (2) WIRES SHALL BE RUN FOR EACH SPLIT IN THE MANLINE.
- 14. ALL WIRE SHALL BE BUNDLED AND PLACED BENEATH THE MAINLINE AND TAPED AT INTERVALS OF TEN (10) FEET. ALL WIRE SHALL BE SLEEVED SEPARATELY WHEN PASSING UNDER PAVED AREAS. SLEEVES SHALL BE TWICE THE DIAMETER OF THE BUNDLED WIRE OR A MINIMUM OF FOUR (4) INCHES IN DIAMETER.
- ALL MAINLINE AND LATERAL LINES SHALL BE SLEEVED WITH PVC SCHEDULE 40, A MINIMUM OF OF TWICE THE DIAMETER OF THE SLEEVED LINE WHERE IT PASSES UNDER PAVED AREAS.
- 16. AUTOMATIC CONTROLLER/S ARE TO BE WALL MOUNTED OUTSIDE BUILDING AREA. A 120 VOLT RECEPTICAL SHALL BE PROVIDED BY THE OWBER/DEVLOPER. CONTROL WIRES SHALL BE SLEEVED IN ELECTRICAL CONDUIT FROM THE CONTROLLER TO THE MAINLINE. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND DIRECTIONS. VERIFY EXACT LOCATION OF THE CONTROLLER INSTALLATION WITH OWNER PRIOR TO FINAL CONNECTION.
- ALL IRRIGATION LINES AND APPURTENANCES, WITH THE EXCEPTION OF IRRIGATION LATERALS AND HEADS PROVIDING IRRIGATION OF AREAS WITHIN THE PUBLIC RIGHT—OF—WAY, SHALL BE INSTALLED OUTSIDE THE PUBLIC RIGHT—OF—WAY.
- 18. CHECK VALVES SHALL BE INSTALLED AS NECESSARY TO PREVENT DRAINAGE OF THE VARIOUS LATERAL SYSTEMS FROM OCCURING AT THE HEADS OF LOWEST ELEVATION. NO MORE THAN TWELVE (12) FEET OF ELEVATION CHANGE SHALL SEPARATE CHECK VALVES. CHECK VALVES SHALL BE FIVE (5) PSI RATED.
- 19. AFTER ALL NEW IRRIGATION PIPING AND RISERS ARE IN PLACE AND CONNECTED AND ALL OTHER NECESSARY WORK HAS BEEN COMPLETED, BUT PRIOR TO THE INSTALLATION OF IRRIGATION HEADS, REMOTE CONTROL VALVES SHALL BE OPENED AND A FULL HEAD OF WATER USED TO FLUSH OUT THE ENTIRE SYSTEM.
- CONTRACTOR SHALL KEEP THE PREMISES CLEAN AND FREE OF EXCESS EQUIPMENT, MATERIALS AND RUBBISH INCIDENTAL TO THE WORK OF THIS SECTION ON A DAILY BASIS.
- 21. THE ENTIRE IRRIGATION SYSTEM SHALL BE GUARANTEED BY THE CONTRACTOR TO GIVE COMPLETE AND SATISFACTORY SERVICES AS TO MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF THE FINAL ACCEPTANCE OF THE WORK BY THE OWNER /DEVELOPER.
- 22. IRRIGATION CONTRACTOR SHALL MAINTAIN THE SYSTEM FOR A PERIOD OF THIRTY (30) DAYS AND
- 23. ALL OTHER LOCAL, MUNICIPAL AND STATE LAWS, RULES AND REGULATIONS GOVERNING OR RELATING TO ANY PORTION OF THIS WORK ARE HEREBY INCORPORATED INTO AND MADE A PART OF THESE SPECIFICATIONS, AND THEIR PROVISIONS SHALL BE CARRIED OUT BY THE IRRIGATION CONTRACTOR.

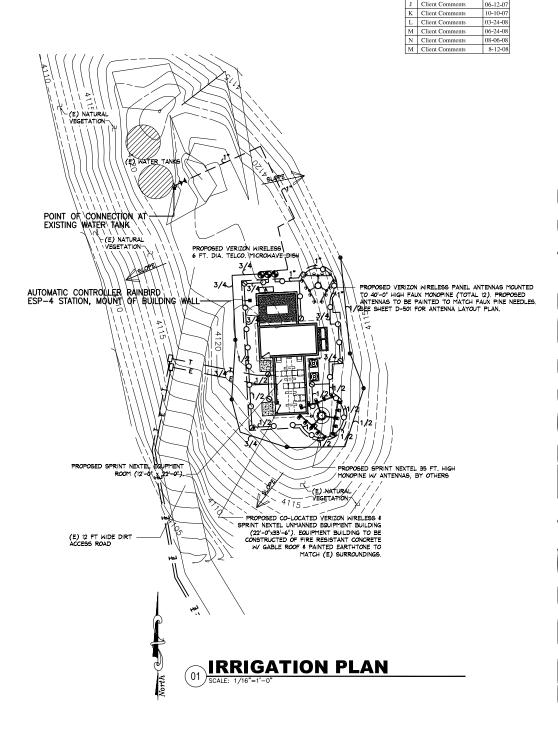




BURIAL DEPTH (COVER): MAIN LINE AND CONTROL WIRES-18"; LATERAL LINES-12"
 REMOTE CONTROL VALVE (ANTI-SIPHON)
 SCHEDULE 80 PVC INIPPLES, TVP.
 SCHEDULE 80 PVC UNION. ADAPT TO SOLVENT-WELD ON DISCHARGE SIDE OF UNION.
 LATERAL LINE

MAINLINE
 THREADED MAINLINE FITTING
 COMPACTED BACKFILL
 FINISH GRADE
 IRRIGATION CONTROL WIRES
 WATERPROFF WIRE CONNECTORS





IRRIGATION	LEGEND ((EQUIPMENT)

SYMBOL	DESCRIPTION	MANUFACTURER	MODEL NUMBER	PRESSURE	RADIUS	GРM
⊕	POP-UP SPRAY	RAINBIRD	1806-8F-FLT	30 PSI	8'	1.6(F)
0	POP-UP SPRAY	RAINBIRD	1806-8H-FLT	30 PSI	8'	0.8(H)
Φ	POP-UP SPRAY	RAINBIRD	1806-8Q-FLT	30 PSI	8'	0.4(Q)
•	POP-UP SPRAY	RAINBIRD	1806-5B-F	30 PSI	5'	1.5(F)
\bowtie	BALL VALVE	SPEARS BALL VALVE	1" SIZE			
•	REMOTE CONTROL VALVE	RAINBIRD	ASVF SERIES	1"		
	SCHEDULE 40 PVC MAINLINE	BURY 18" DEEP		SEE PLAN I	OR SIZE	
	CLASS 200 PVC LATERAL LINE	BURY 12" DEEP		SEE PLAN I	OR SIZE	
A	AUTOMATIC CONTROLLER	RAINBIRD	ESP-4 STATION OUTDOOR WA	LL MOUNT		

NOTE:

THE PROPERTY OWNER SHARES RESPONSIBILITY WITH THE ADJACENT LAND OWNER TO BE SURE THAT THE EXISTING WATER TANKS WILL BE KEPT FILLED TO KEEP LANDSCAPE.

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Revision / Issue

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 Client Comments
 02-08-0

 D
 Client Comments
 02-22-0

E Client Comments

 A
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 08-15-05

 B
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 09-13-05

F Client Comments 05-02-0

G Client Comments 06-26-06

H Client Comments 02-07-07

I Client Comments 02-08-0

Project	05102.11		
Date	08-06-08		
Drawn By	edl,acb		
Checked By	mje		
Scale	1/16" 1'-0"		

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PLANTING SPECIFICATIONS:

- ALL PLANTING MATERIALS AND PROCEDURES SHALL CONFORM TO THE COUNTY OF SAN DIEGO SPECIFICATIONS AND REQUIREMENTS.
- PRIOR TO PLANTING, THE IRRIGATION SYSTEM SHALL BE FULLY OPERATIONAL.
- LANDSCAPE CONTRACTOR SHALL REMOVE ALL EXISTING VEGETATION INCLUDING ALL SLOPE GROUND COVER, TRASH, CLIPPINGS, ROCK OVER TWO (2) INCES IN DIAMETER AND OTHER DEBRIS FROM ALL PLANTING AREAS ON THE SITE AND DISPOSE OF IT AT AN APPROVED DISPOSAL AREA.
- LANDSCAPE CONTRACTOR SHALL RAKE AND FINE GRADE ALL AREAS TO BE PLANTED PRIOR TO THE COMMENCEMENT OF PLANTING OPERATIONS. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR THE FINISH GRADING OF THE SITE. SITE SHALL BE RECEIVED AT PLUS OR MINUS ONE (1) INCH.
- ALL NEW PLANTING AREAS AND SLOPES ARE TO BE WATERED FOR FIFTEEN (15) DAYS PRIOR TO HERBICIDE APPLICATION. "ROUND-UP" HERBICIDE TO BE SPRAYED ON WEEDS PER MANUFACTURER'S DIRECTIONS. REPEAT APPLICATIONS MAY BE NECESSARY AFTER REQUIRED MINIMUM OF TWO (2), DEPENDING UPON WEED GROWTH. PLANTING TO COMENCE TWELVE (12) DAYS AFTER LAST
- 6. ALL PLANTING AREAS SHALL RECEIVE THE FOLLOWING AMENDMENTS PER 1000 SQ. FT. RAKED INTO THE TOP TWO (2) INCHES OF SOIL
 - A) SIX (6) LBS. OF 16-7-12+IRON FERTILIZER
 - B) THREE (3) POUNDS OF AGRICULTURAL GYPSUM
- PRIOR TO THE INCORPORATION OF THE AMENDMENTS, ALL PLANTING AREAS ARE TO BE THOROUGHLY WATERED IN A MANNER THAT WILL PASS A MINIMUM OF TWELVE (12) INCHES OF WATER THROUGH THE SURFACE SOIL ZONE. THIS PROCEDURE IS CALLED LEACHING AND ONLY WHEN COMPLETED AND SOLUABLE SALTS ARE ADEQUATELY LOW SHALL THE ABOVE AMENDMENTS BE INCORPORATED.
- FOR EACH CUBIC YARD OF BACKFILL CONSISTING OF 60 NITROGEN STABILIZED WOOD SHAVINGS. THE FOLLOWING AMENDMENTS SHALL BE INCORPORATED:
 - A) 1 LB. AGRIFORM SLOW RELEASE FERTILIZER 12-12-12
 - B) 2 LBS. IRON SULFATE (DO NOT PLACE ON CONCRETE SURACES)
 - C) 1 LB. SOIL SULPHUR

NOTE: THE ABOVE SOIL AMENDMENTS IN ITEMS SIX (6) AND FIGHT (8) ARE SPECIFIED FOR BIDDING PURPOSES ONLY. A MINIMUM OF THREE (2) SOIL SAMPLES SHALL BE TAKEN FROM VARIOUS POINTS IN THE SLOPE PLANTING AREAS AND ANALYZED BY SOIL TESTING LABORATORY.

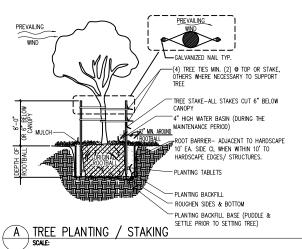
RECOMMENDATIONS FOR TREE AND SHRUB BACKFILL, AS WELL AS BROADCAST AMENDMENT RECOMMENDATIONS FOR ALL SLOPE AREAS SHALL BE PROVIDED TO THE LANDSCAPE ARCHITECT FOR REVIEW PRIOR TO INSTALLATION.

- D) PLANTING TABLETS 20-10-5
 - 2-21 GRAM TABLETS PER 1 GALLON CONTAINER
 - 3-21 GRAM TABLETS PER 5 GALLON CONTAINER 4-21 GRAM TABLETS PER 15 GALLON CONTAINER

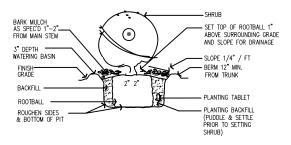
 - 1-21 GRAM TABLET PER 4" OF BOX SIZE
- ALL TREES SHALL BE PLANTED OUTSIDE THE PUBLIC RIGHT-OF-WAY UNDER THE FOLLOWING CONDITIONS:
- A) 10'-0" AWAY FROM TRAFFIC SIGNS (STOP SIGNS)
- B) 5'-0" AWAY FROM UNDERGOUND UTILITY LINES
 C) 10'-0" AWAY FROM ABOVE GROUND UTILITY STRUCTURES
- 10'-0" AWAY FROM DRIVEWAYS (ENTRIES)
- E) 25'-0" AWAY FROM INTERSECTIONS (INTERSECTING CURB LINES OF TWO STREETS)

SHOULD IT BE NECESSARY TO PLANT WITHIN 10'-0" OF HARDSCAPE, WALLS AND/OR STRUCTURES, A ROOT CONTROL BARRIER SHALL BE UTILIZED. BARRIER SHALL EXTEND ALONG THE EDGE OF THE HARDSCAPE, WALL AND/OR STRUCTURE BEING PROTECTED TO THE EXTENT OF THE

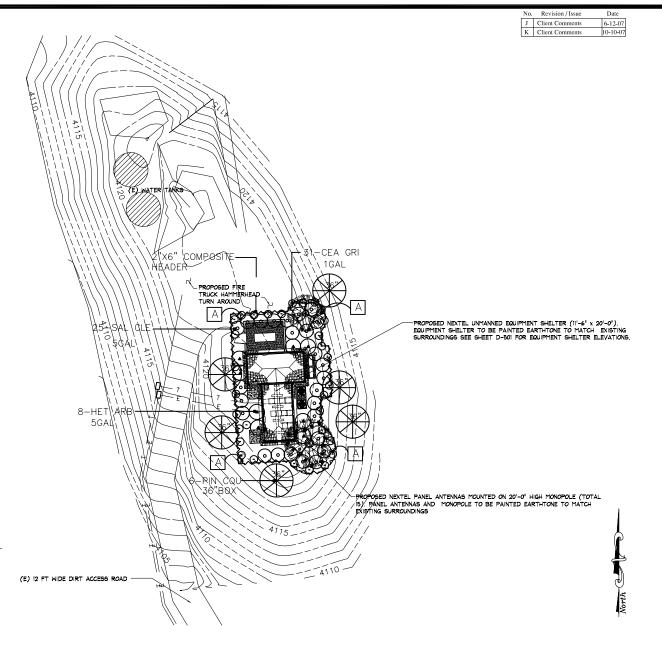
- 10. PLANT PITS SHALL BE SQUARE AND TWO (2) TIMES GREATER IN DIAMETER THAN THE PLANT CONTAINER AND AT LEAST TWELVE (12) INCHES BELOW THE BOTTOM OF THE CONTAINER.
- ALL WATERING BASINS SHALL RECEIVE A MINIMUM OF TWO (2) INCHES OF SHREDDED BARK MULCH. A ONE (1) CUBIC YARD SAMPLE OF MULCH TO BE USED SHALL BE DELIVERED TO THE SITE FOR INSPECTION BY THE OWNER/LANDSCAPE ARCHITECT.
- 12. ALL STANDARD TREES SHALL BE DOUBLED STAKED AS PER DETAIL.
- 13. PLANT COUNTS ARE FOR THE CONVENIENCE OF LANDSCAPE CONTRACTORS ONLY. LANDSCAPE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL NECESSARY PLANT MATERIAL TO FULFILL THE DESIGN INTENT OF THESE DRAWINGS.
- 14. TWENTY FOUR (24) HOURS PRIOR TO PLANTING, CONTRACTOR SHALL CONTACT OWNER/LANDSCAPE ARCHITECT TO APPROVE ALL PLANT MATERIAL AND ITS INTENDED LOCATION ON SITE. PHOTOGRAPHS ARE REQUIRED FOR ALL 24" BOX OR LARGER TREES.
- THE LANDSCAPE CONTRACTOR SHALL LEAVE THE SITE IN A CLEAN CONDITION REMOVING ALL USED MATERIALS, TRASH, AND TOOLS ON A DAILY BASIS.
- LANDSCAPE CONTRACTOR SHALL MAINTAIN ALL PLANTING AREAS FOR A PERIOD OF THIRTY (30) DAYS, GUARANTEE ALL SHRUBS FOR NINETY (90) DAYS AND ALL TREES FOR ONE (1) YEAR. GUARANTEE PERIOD FOR ALL TREES AND SHRUBS SHALL COMMENCE UPON WRITTEN APPROVAL OF THE OWNER AT THE END OF THE MAINTENANCE PERIOD OR EXTENSION THEREOF.
- 17. LANDSCAPE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY REPAIRS OR REPLACEMENT OF MATERIALS MADE NECESSARY THROUGH THE ACTION OR NEGLIGENCE OF HIS CREW.
- UPON COMPLETION OF ALL WORK OUTLINED IN THESE PLANS, THE LANDSCAPE CONTRACTOR SHALL CONTACT THE OWNER/LANDSCAPE ARCHITECT AND ARRANGE FOR A WALK THROUGH TO DETERMINE THAT ALL ASPECTS OF WORK ARE COMPLETED. WORK MUST BE FULLY COMPLETED ACCORDING TO ALL PLANS AND SPECIFICATIONS AND MUST BE COMPLETED IN A GOOD WORKMANSHIP LIKE MANNER AND MUST BE ACCEPTED BY THE OWNER IN WRITING PRIOR TO THE COMMENCEMENT OF THE MAINTENANCE PERIOD.







SHRUB PLANTING



ENLARGED PLANTING PLAN

PLANT LIST / LEGEND

		·				
	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY	REMARKS
$ \searrow $		TREES				
\star	PIN COU	PINUS COULTERI	COULTER PINE	36"BOX	6	STANDARD
Ŋ		SHRUBS:				
Э	CEA GRI	CEANOTHUS GRESIUS HORIZONTALIS	WILD LILAC	1GAL	31	PINK FLOWERS
$\mathbf{\hat{L}}$	HET ARB	HETEROMELES ARBUTIFOLIA	TOYON	5GAL	8	
<u></u>	SAL CLE	SALVIA CLEVELANDII	CLEVELAND SAGE	5GAL	25	
		GROUNDCOVERS				
	А	BACCHARIS SAROTHROIDES DESERT BROOM FROM FLATS 12" O.C. SPACING NOTE: PROVIDE 2" DEEP BARK CHIP MULCH IN ALL PLANTING AREAS			PACING	



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Client Comments

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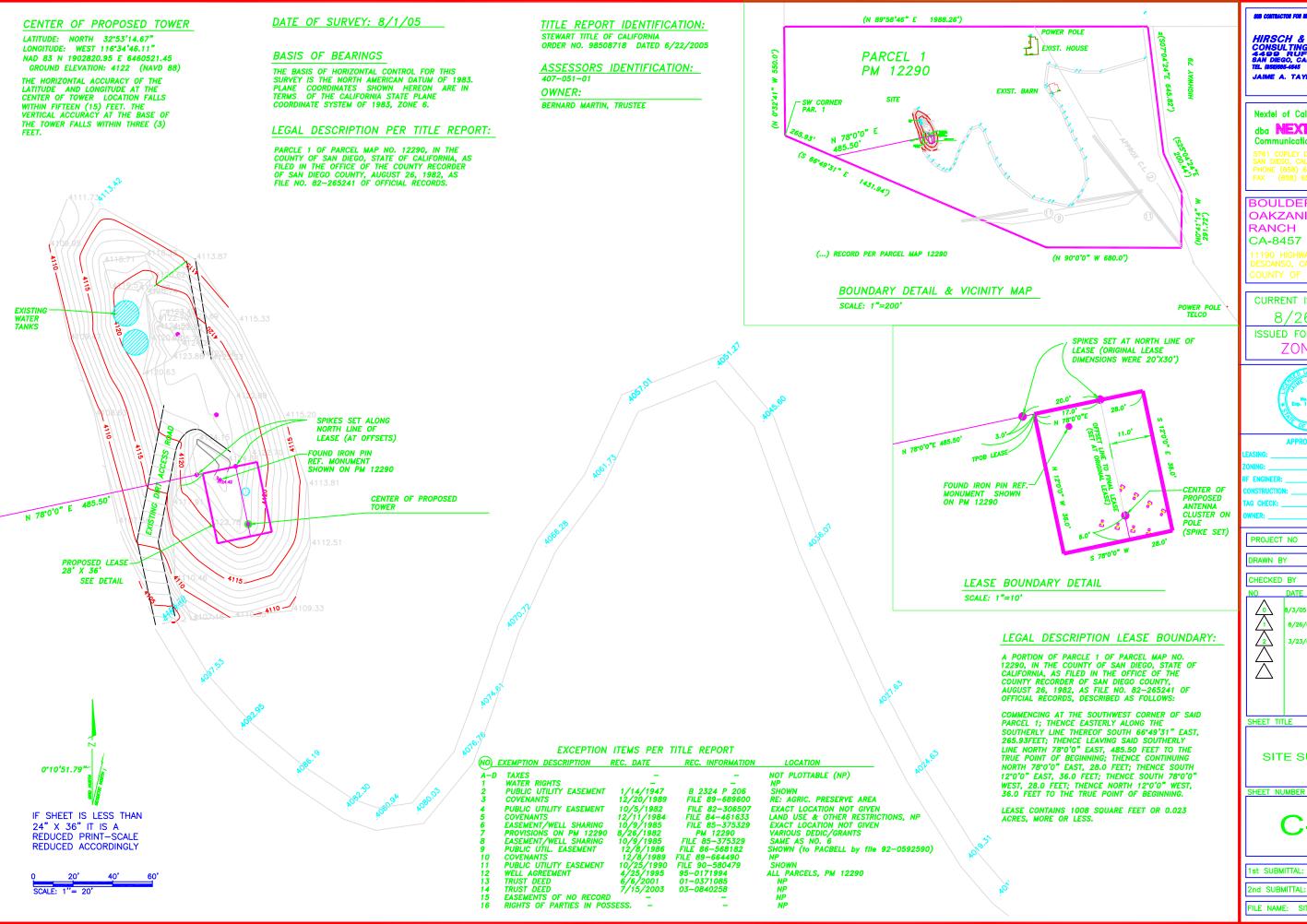
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	Date	08-15-05
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nc.	Checked By	darsono
IING	Scale	1/16"=1'-0

Darsono Design Associates. II

LANDSCAPE ARCHITECTURE PLANNING 5014 MOUNT LA PLATTA DRIVE SAN DIEGO, CA 92117 PHONE (858) 541-2007 FAX (858) 541-2008

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JAIME A. TAYNOR , L8 7130

Nextel of California, Inc. dba **NEXTEL**

SOULDER CREEK DAKZANITA

CURRENT ISSUE DATE: 8/26/05 ISSUED FOR: ZONING



PROJECT NO CA-8457

DR

JT DATE **ISSUE** /3/05 /26/05 /23/06 IONOPOLE

SITE SURVEY

1st SUBMITTAL:

FILE NAME: SITE SURVEY